I. CLAIM AMENDMENTS

Please amend the claims as indicated in the following listing:

What is claimed is:

1. (Currently amended) A method for validating a plurality of data in a backend driven

    environment, the method comprising:

    creating an XML Schema for a database;

    copying the database to a hashtable;

    designating a query interval;

    upon the occurrence of a query interval, comparing the database to the hashtable;

    determining if the database and the hashtable are not identical; and

    responsive to a determination that that database and the hashtable are not identical,

    performing additional steps comprising:

    creating a new XML Schema;

    wherein the XML Schema contains a plurality of rules for validating the plurality of

data.

2. Canceled.

3. (Original) The method of claim 1 further comprising: responsive to a determination that that

    database and the hashtable are identical, resetting the query interval and repeating the steps in

    claim 1.

4. (Original) The method of claim 1 wherein the additional steps further comprise: deleting the

    hashtable and saving the database as a new hashtable.

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5. (Original) The method of claim 1 wherein the additional steps further comprise: storing the new XML Schema in a web server's virtual root.

6. (Original) The method of claim 2 wherein a limited number of tables from the database are copied to the hashtable; and wherein upon the occurrence of a query interval, the database tables are compared to the tables in the hashtable.

7. (Original) The method of claim 2 wherein a database metadata is copied to the hashtable; and wherein upon the occurrence of a query interval, the database metadata is compared to the metadata in the hashtable.

8. (Original) The method of claim 1 further comprising: notifying a registered party of an update to the XML Schema.

9. (Original) The method of claim 1 further comprising: using a database trigger to indicate a change in the database.

10. (Currently amended) A first method for validating proposed additions to a database comprising:

accessing an XML Schema stored in a web server's virtual root;

checking the validity of a data using the XML Schema;

submitting the data to a database;

validating the data; and

adding the verified data to the database;

wherein the XML Schema is created by a second method comprising:

creating an XML Schema for a database;

copying the database to a hashtable;

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designating a query interval;

upon the occurrence of a the query interval, comparing the database to the hashtable;

determining if the database and the hashtable are not identical; and

responsive to a determination that that the database and the hashtable are not identical, creating a new XML Schema.

11. (Original) The first method of claim 10 further comprising: creating an XML Schema for a database.

12. (Canceled)

13. (Original) The first method of claim 10 wherein the second method further comprises: responsive to a determination that the database and the hashtable are identical, resetting the query interval and repeating the steps in claim 10.

14. (Original) The method of claim 10 wherein the second method further comprises: deleting the hashtable and saving the database as a new hashtable.

15. (Original) The method of claim 10 wherein the second method further comprises: storing the new XML Schema in a web server's virtual root.

16. (Original) The first method of claim 12 wherein the second method further comprises: wherein a limited number of tables from the database are copied to the hashtable; and wherein upon the occurrence of a query interval, the database tables are compared to the tables in the hashtable.

17. (Original) The first method of claim 12 wherein the second method further comprises: wherein a database metadata is copied to the hashtable; and wherein upon the occurrence of a query interval, the database metadata is compared to the metadata in the hashtable.

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18. (Original) The first method of claim 10 further comprising: notifying a registered party of an

update to the XML Schema.

19. (Original) The first method of claim 10 further comprising: using a database trigger to

indicate a change in the database.

20. (Currently amended) A program product operable on a computer, the program product

comprising:

    a computer-usable medium;

    wherein the computer usable medium comprises instructions contained in the

program product comprising:

        instructions for creating an XML Schema for a database;

        <u>instructions for copying the database to a hashtable;</u>

        instructions for designating a query interval;

        upon the occurrence of a<u>the</u> query interval, instructions for comparing the

database to the hashtable;

        instructions for determining if the database and the hashtable are <u>not</u> identical;

and

        responsive to a determination that that database and the hashtable are

identical, ~~instructions for performing additional steps comprising:~~

instructions for creating a new XML Schema;

<u>wherein the XML Schema contains a plurality of rules for validating a plurality of</u>

<u>data in the database.</u>

21. (Canceled)

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22. (Original) The program product of claim 20 further comprising: responsive to a

determination that that database and the hashtable are identical, instructions for resetting the

query interval and repeating the steps in claim 20.

23. (Original) The program product of claim 20 wherein the additional steps further comprise:

instructions for deleting the hashtable and saving the database as a new hashtable.

24. (Original) The program product of claim 20 wherein the additional steps further comprise:

instructions for storing the new XML Schema in a web server's virtual root.

25. (Original) The program product of claim 21 wherein a limited number of tables from the

database are copied to the hashtable; and wherein upon the occurrence of a query interval, the

database tables are compared to the tables in the hashtable.

26. (Original) The program product of claim 21 wherein a database metadata is copied to the

hashtable; and wherein upon the occurrence of a query interval, the database metadata is

compared to the metadata in the hashtable.

27. (Original) The program product of claim 20 further comprising: notifying a registered party

of an update to the XML Schema.

28. (Original) The program product of claim 20 further comprising: instructions for using a

database trigger to indicate a change in the database.

29. (Currently amended) A first program product operable on a computer, the program product

comprising:

      a computer-usable medium;

      wherein the computer usable medium comprises executable instructions contained in

the program product comprising:

instructions for accessing an XML Schema stored in a web server's virtual

root;

instructions for checking the validity of a data using the XML Schema;

instructions for submitting the data to a database;

instructions for validating the data; and

instructions for adding the verified data to the database;

wherein the XML Schema is created by a second program product

comprising:

instructions for designating a query interval;

instructions for creating an XML Schema for the database;

instructions for copying the database to a hashtable;

upon the occurrence of ~~a~~the query interval, instructions for comparing

the database to the hashtable;

instructions for determining if the database and the hashtable are

identical; and

responsive to a determination that that database and the hashtable are

identical, instructions for creating a new XML Schema.

30. (Canceled)

31. (Canceled)

32. (Original) The first program product of claim 29 wherein the second program product further

comprises: responsive to a determination that the database and the hashtable are identical,

instructions for resetting the query interval and repeating the steps in claim 29.

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33. (Original) The first program product of claim 29 wherein the second program product further

comprises: instructions for deleting the hashtable and saving the database as a new hashtable.

34. (Original) The first program product of claim 29 wherein the second program product further

comprises: instructions for storing the new XML Schema in a web server's virtual root.

35. (Original) The first program product of claim 30 wherein a limited number of tables from the

database are copied to the hashtable; and wherein upon the occurrence of a query interval, the

database tables are compared to the tables in the hashtable.

36. (Original) The first program product of claim 30 wherein a database metadata is copied to the

hashtable; and wherein upon the occurrence of a query interval, the database metadata is

compared to the metadata in the hashtable.

37. (Original) The program product of claim 29 further comprising: notifying a registered party

of an update to the XML Schema.

38. (Original) The first program product of claim 29 further comprising: instructions for using a

database trigger to indicate a change in the database.